

Title (en)
CARTRIDGE

Title (de)
KARTUSCHE

Title (fr)
CARTOUCHE

Publication
EP 3722814 A1 20201014 (EN)

Application
EP 20177344 A 20161107

Priority
• JP 2015223368 A 20151113
• EP 16864156 A 20161107
• JP 2016082940 W 20161107

Abstract (en)
[Problem] To ensure that a fluid is prevented from overflowing from a well and exposing the user to a biohazard.[Solution] A cartridge for use in measuring a component to be measured contained in a fluid includes a recessed well, formed for storing the fluid, the well including: a lower barrel portion that defines a lower space having a closed bottom; and an upper barrel portion that is formed above the lower barrel portion and defines an upper space having an opening on the top end, wherein a step portion is formed between the lower barrel portion and the upper barrel portion, the step portion being formed on an inner wall surface of the well and defining a step that continuously connects the inner wall surface of the lower barrel portion and the inner wall surface of the upper barrel portion.

IPC 8 full level
G01N 35/02 (2006.01); **B01L 3/00** (2006.01)

CPC (source: EP US)
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Citation (applicant)
JP 2009150912 A 20090709 - MITSUBISHI KAGAKU IATRON INC

Citation (search report)
• [X] JP H09101302 A 19970415 - TOPPAN PRINTING CO LTD
• [A] JP 2011128019 A 20110630 - HITACHI MAXELL
• [X] JP 2010032487 A 20100212 - OLYMPUS CORP
• [X] EP 1963853 A2 20080903 - MESO SCALE TECHNOLOGIES LLC [US]
• [X] US 2008020455 A1 20080124 - ZANTL ROMAN [DE], et al
• [A] EP 2618161 A1 20130724 - UNIVERSAL BIO RESEARCH CO LTD [JP]
• [A] US 7972516 B2 20110705 - KREUWEL HERMANNUS JOHANNES MARIA [NL], et al

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